

## December, 2005 Mycobacterial Report

Laboratory Diagnosed Mycobacterial Infections in Wisconsin

<b>Mycobacterium species</b>		Brown	Dane	Eau Claire	Kenosha	La Crosse	Manitowoc	Marathon	Milwaukee	Outagamie	Portage	Racine	Rock	Waukesha	Winnebago	Wood	TOTALS
<i>M. tuberculosis</i> complex	Pulm	1	1					1						2			5
	Extra		1						2								3
<b>Total <i>M. tuberculosis</i> complex</b>		<b>1</b>	<b>2</b>					<b>1</b>	<b>2</b>					<b>2</b>			<b>8</b>
<i>M. avium</i> complex	Pulm	1	3		3	2	1		34			3	1		6	1	55
	Extra								1								1
<i>M. gordonae</i>	Pulm	2	5	1		1			8	1			1	1	3	2	25
	Extra																0
<i>M. abscessus</i>	Pulm								1								1
	Extra								2								2
<i>M. chelonae</i>	Pulm			1										2	1		4
	Extra																0
<i>M. fortuitum</i> group	Pulm			1				1	3								5
	Extra																0
<i>M. kansasii</i>	Pulm		1														1
	Extra																0
<i>M. marinum</i>	Pulm									1							0
	Extra																1
<i>M. mucogenicum</i>	Pulm								5								5
	Extra								2	2							4
<i>M. xenopi</i>	Pulm		1	1				2									4
	Extra																0
<i>M. scrofulaceum</i>	Pulm		1								1						2
	Extra										2						2
<i>M. wolinskyi</i>	Pulm	1															1
<i>M. gilvum</i>	Pulm		1														1
<i>M. fortuitum</i> complex	Extra					1											1
<i>M. smegmatis</i>	Pulm								1								1
	Extra																1
<i>M. simiae</i> complex	Pulm												1				1
<i>M. chelonae/abscessus</i> group	Pulm									2							2
<b>TOTALS</b>		<b>4</b>	<b>12</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>60</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>11</b>	<b>5</b>	<b>120</b>

**Extra-Pulmonary Sources of Isolation:**

<b>TBC extra-pulmonary</b>	1 pericardial, 1 chest abscess, 1 abdomen (omentum)
<b>MAC extra-pulmonary</b>	1 hand
<b>other species extra-pulmonary</b>	1 abscessus blood, 1 abscessus cornea, 1 marinum finger, 1 mucogenicum each stool & blood. m 2 scrofulaceum CSF, 1 mucogenicum hand, 1 mucogenicum hip joint, 1 fortuitum complex pleural, 1 smegmatis not specified.

**Wisconsin TB Isolations and Antibiotic Susceptibilities: First-Line TB drugs tested: INH (0.2 ug/ml), INH (1.0 ug/ml), rifampin (1 ug/ml), ethambutol (5 ug/ml) and**

**Pyrazinamide=PZA (100 ug/ml).**

- o Six of the eight TBC isolates were susceptible to all first-line TB drugs. One isolate was resistant to INH (0.2 ug/ml) but susceptible to all other drugs. One isolate has drug susceptibility testing pending.

Source: **Mycobacteriology Laboratory Network Data Report, Wisconsin State Laboratory of Hygiene, Madison, W.**